

M. Schmidt

Amma
1635

Docket
clerks
4/2

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/978,632A

DATE: 08/17/1999
TIME: 18:06:20

Input Set: H978632A.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

ENTERED

1 <110> APPLICANT: Rabbani, Elazar
2 Stavrianopoulos, Jannis G.
3 Donegan, James J.
4 Liu, Dakai
5 Kelker, Norman E.
6 Engelhardt, Dean L.
7 <120> TITLE OF INVENTION: NOVEL PROPERTY EFFECTING AND/OR PROPERTY EXHIBITING
8 COMPOSITIONS FOR THERAPEUTIC AND DIAGNOSTIC USE
9 <130> FILE REFERENCE: ENZ-53 (C) Sequence.073099
10 <140> CURRENT APPLICATION NUMBER: US/08/978,632A
11 <141> CURRENT FILING DATE: 1997-11-25
12 <150> EARLIER APPLICATION NUMBER: 08/574,443
13 <151> EARLIER FILING DATE: 1995-12-15
14 <160> NUMBER OF SEQ ID NOS: 51
15 <170> SOFTWARE: PatentIn Ver. 2.0
16 <210> SEQ ID NO 1
17 <211> LENGTH: 20
18 <212> TYPE: PRT
19 <213> ORGANISM: Influenza virus
20 <220> FEATURE:
21 <223> OTHER INFORMATION: Description of Artificial Sequence:peptide
22 <400> SEQUENCE: 1
23 Gly Phe Phe Gly Ala Ile Ala Gly Phe Leu Glu Gly Gly Trp Glu Gly
24 1 5 10 15
25 Met Ile Ala Gly
26 20
27 <210> SEQ ID NO 2
28 <211> LENGTH: 20
29 <212> TYPE: DNA
30 <213> ORGANISM: Bacteriophage T7
31 <220> FEATURE:
32 <223> OTHER INFORMATION: Description of Artificial Sequence:peptide
33 <400> SEQUENCE: 2
34 tgctctctaa gggctctactc 20
35 <210> SEQ ID NO 3
36 <211> LENGTH: 15
37 <212> TYPE: DNA
38 <213> ORGANISM: Simian virus 40
39 <220> FEATURE:
40 <223> OTHER INFORMATION: Description of Artificial Sequence:peptide
41 <400> SEQUENCE: 3
42 ctctaaggta aatat 15
43 <210> SEQ ID NO 4
44 <211> LENGTH: 16

PAGE: 2

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/978,632ADATE: 08/17/1999
TIME: 18:06:20

Input Set: H978632A.RAW

45 <212> TYPE: DNA
46 <213> ORGANISM: Simian virus 40
47 <220> FEATURE:
48 <223> OTHER INFORMATION: Description of Artificial Sequence:peptide
49 <400> SEQUENCE: 4
50 tgtatttttag attcaa 16
51 <210> SEQ ID NO 5
52 <211> LENGTH: 19
53 <212> TYPE: DNA
54 <213> ORGANISM: Simian virus 40
55 <220> FEATURE:
56 <223> OTHER INFORMATION: Description of Artificial Sequence:peptide
57 <400> SEQUENCE: 5
58 tgctctctaa ggtaaatat 19
59 <210> SEQ ID NO 6
60 <211> LENGTH: 19
61 <212> TYPE: DNA
62 <213> ORGANISM: Simian virus 40
63 <220> FEATURE:
64 <223> OTHER INFORMATION: Description of Artificial Sequence:peptide
65 <400> SEQUENCE: 6
66 tgtatttttag ggtctactc 19
67 <210> SEQ ID NO 7
68 <211> LENGTH: 19
69 <212> TYPE: RNA
70 <213> ORGANISM: Bacteriophage T7
71 <220> FEATURE:
72 <223> OTHER INFORMATION: Description of Artificial Sequence:peptide
73 <400> SEQUENCE: 7
74 ugcucucuaa gguaaaauau 19
75 <210> SEQ ID NO 8
76 <211> LENGTH: 19
77 <212> TYPE: RNA
78 <213> ORGANISM: Bacteriophage T7
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Description of Artificial Sequence:peptide
81 <400> SEQUENCE: 8
82 uguauuuuag ggucucucuc 19
83 <210> SEQ ID NO 9
84 <211> LENGTH: 20
85 <212> TYPE: RNA
86 <213> ORGANISM: Bacteriophage T7
87 <220> FEATURE:
88 <223> OTHER INFORMATION: Description of Artificial Sequence:peptide
89 <400> SEQUENCE: 9
90 ugcucucuaa gggucucucuc 20
91 <210> SEQ ID NO 10
92 <211> LENGTH: 49
93 <212> TYPE: DNA
94 <213> ORGANISM: Bacteriophage T7

PAGE: 3

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/978,632A

DATE: 08/17/1999

TIME: 18:06:20

Input Set: H978632A.RAW

95 <220> FEATURE:
96 <223> OTHER INFORMATION: Description of Artificial Sequence:peptide
97 <400> SEQUENCE: 10
98 ggaattcgtc tcgagctctg atcaccacca tggacacgat taacatcgc 49
99 <210> SEQ ID NO 11
100 <211> LENGTH: 55
101 <212> TYPE: DNA
102 <213> ORGANISM: Bacteriophage T7
103 <220> FEATURE:
104 <223> OTHER INFORMATION: Description of Artificial Sequence:peptide
105 <400> SEQUENCE: 11
106 gactagttgg tctcgtctct tttttggagg agtgtcgttc ttagcgatgt taatc 55
107 <210> SEQ ID NO 12
108 <211> LENGTH: 46
109 <212> TYPE: DNA
110 <213> ORGANISM: Bacteriophage T7
111 <220> FEATURE:
112 <223> OTHER INFORMATION: Description of Artificial Sequence:peptide
113 <400> SEQUENCE: 12
114 ggaattcgtc tcggagaaag gtaaaattct ctgacatcga actggc 46
115 <210> SEQ ID NO 13
116 <211> LENGTH: 33
117 <212> TYPE: DNA
118 <213> ORGANISM: Bacteriophage T7
119 <220> FEATURE:
120 <223> OTHER INFORMATION: Description of Artificial Sequence:peptide
121 <400> SEQUENCE: 13
122 gactagtggc ctccccttag agagcatgtc agc 33
123 <210> SEQ ID NO 14
124 <211> LENGTH: 33
125 <212> TYPE: DNA
126 <213> ORGANISM: Bacteriophage T7
127 <220> FEATURE:
128 <223> OTHER INFORMATION: Description of Artificial Sequence:peptide
129 <400> SEQUENCE: 14
130 ggaattcggc ctcgggtcta ctcgggtggcg agg 33
131 <210> SEQ ID NO 15
132 <211> LENGTH: 27
133 <212> TYPE: DNA
134 <213> ORGANISM: Bacteriophage T7
135 <220> FEATURE:
136 <223> OTHER INFORMATION: Description of Artificial Sequence:peptide
137 <400> SEQUENCE: 15
138 gactagtcgt tacgcgaacg caaagtc 27
139 <210> SEQ ID NO 16
140 <211> LENGTH: 36
141 <212> TYPE: DNA
142 <213> ORGANISM: Bacteriophage T7
143 <220> FEATURE:
144 <223> OTHER INFORMATION: Description of Artificial Sequence:peptide

PAGE: 4

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/978,632A

DATE: 08/17/1999

TIME: 18:06:20

Input Set: H978632A.RAW

145 <400> SEQUENCE: 16
146 ggaattcgtc tctaaggtaa atataaaatt tttaag 36
147 <210> SEQ ID NO 17
148 <211> LENGTH: 40
149 <212> TYPE: DNA
150 <213> ORGANISM: Bacteriophage T7
151 <220> FEATURE:
152 <223> OTHER INFORMATION: Description of Artificial Sequence:peptide
153 <400> SEQUENCE: 17
154 gactagtcgt ctctgaccct aaaatacaca aacaattaga. 40
155 <210> SEQ ID NO 18
156 <211> LENGTH: 92
157 <212> TYPE: DNA
158 <213> ORGANISM: Bacteriophage T7
159 <220> FEATURE:
160 <223> OTHER INFORMATION: Description of Artificial Sequence:peptide
161 <400> SEQUENCE: 18
162 ggaattcgtc tcgagctctg atcaccacca tggacacgat taacatcgct aagaacgaca 60
163 ctctctcaaaa aaagagacga gaccaactag tc 92
164 <210> SEQ ID NO 19
165 <211> LENGTH: 92
166 <212> TYPE: DNA
167 <213> ORGANISM: Bacteriophage T7
168 <400> SEQUENCE: 19
169 gactagttgg gctcgtctct tttttggagg aggggcgttc ttagcgatgt taatcgtgtc 60
170 catggtggta tgcagagctc gagacgaatt cc 92
171 <210> SEQ ID NO 20
172 <211> LENGTH: 73
173 <212> TYPE: DNA
174 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: Description of Artificial Sequence:OLIGO
177 <400> SEQUENCE: 20
178 ggaattcgtc gcgagctctg atcaccacca tggacacgat taacatcgct aagaacgaca 60
179 ctctctcaaaa aaa 73
180 <210> SEQ ID NO 21
181 <211> LENGTH: 77
182 <212> TYPE: DNA
183 <213> ORGANISM: Bacteriophage T7
184 <220> FEATURE:
185 <223> OTHER INFORMATION: Description of Artificial Sequence:peptide
186 <400> SEQUENCE: 21
187 tctctttttt ggaggagtgt cggtcttagc gatgttaatc gtgtccatgg tggatgcag 60
188 agctcgagac gaattcc 77
189 <210> SEQ ID NO 22
190 <211> LENGTH: 13
191 <212> TYPE: DNA
192 <213> ORGANISM: Artificial Sequence
193 <220> FEATURE:
194 <223> OTHER INFORMATION: Description of Artificial SequenceOLIGO

PAGE: 5

RAW SEQUENCE LISTING
 PATENT APPLICATION US/08/978,632A

DATE: 08/17/1999
 TIME: 18:06:20

Input Set: H978632A.RAW

```

195 <400> SEQUENCE: 22
196     ggaattcgtc tcg                                     13
197 <210> SEQ ID NO 23
198 <211> LENGTH: 33
199 <212> TYPE: DNA
200 <213> ORGANISM: Artificial Sequence
201 <220> FEATURE:
202 <223> OTHER INFORMATION: Description of Artificial Sequence:OLIGO
203 <400> SEQUENCE: 23
204     gagaaaggta aaattctctg acatcgaaact ggc                 33
205 <210> SEQ ID NO 24
206 <211> LENGTH: 17
207 <212> TYPE: DNA
208 <213> ORGANISM: Artificial Sequence
209 <220> FEATURE:
210 <223> OTHER INFORMATION: Description of Artificial Sequence:OLIGO
211 <400> SEQUENCE: 24
212     ccttaagcag agcctct                                     17
213 <210> SEQ ID NO 25
214 <211> LENGTH: 29
215 <212> TYPE: DNA
216 <213> ORGANISM: Artificial Sequence
217 <220> FEATURE:
218 <223> OTHER INFORMATION: Description of Artificial Sequence: OLIGO
219 <400> SEQUENCE: 25
220     ttccatttta agagactgta gcttgaccg                       29
221 <210> SEQ ID NO 26
222 <211> LENGTH: 106
223 <212> TYPE: DNA
224 <213> ORGANISM: Artificial Sequence
225 <220> FEATURE:
226 <223> OTHER INFORMATION: Description of Artificial Sequence:OLGIO
227 <400> SEQUENCE: 26
228     ggaattcgtc tcgagctctg atcaccacca tggacacgat taacatcgct aagaacgaca 60
229     ctctctccaaa aaagagaaaag gtaaaattct ctgacatcga actggc         106
230 <210> SEQ ID NO 27
231 <211> LENGTH: 106
232 <212> TYPE: DNA
233 <213> ORGANISM: Artificial Sequence
234 <220> FEATURE:
235 <223> OTHER INFORMATION: Description of Artificial Sequence:OLIGO
236 <400> SEQUENCE: 27
237     gccagttcga tgtcagagaa ttttaccttt ctcttttttg gaggagtgtc gttcttagcg 60
238     atgttaatcg tgtccatggg ggtagtcaga gctcgagacg aattcc         106
239 <210> SEQ ID NO 28
240 <211> LENGTH: 50
241 <212> TYPE: DNA
242 <213> ORGANISM: Bacteriophage T7
243 <220> FEATURE:
244 <223> OTHER INFORMATION: Description of Artificial Sequence:peptide

```

PAGE: 6

VERIFICATION SUMMARY
PATENT APPLICATION US/08/978,632A

DATE: 08/17/1999
TIME: 18:06:20

Input Set: H978632A.RAW

Line ? Error/Warning

Original Text
